



**RESTRICTED****RESTRICTED****STAT**

to change in flight (bombs, fuel, etc.). All of the armament in a fighter plane could be concentrated in the nose without the problem of synchronization.

The duck, however, is liable to be less sensitive in control due to the position of the rudders (at the ends of the wing) and to their smaller area. The flight of a duck, especially in inclement weather, is less stable than that of the conventional-type plane.

In the US, the Douglas and Lockheed aircraft companies patented plans for several types of these planes in 1938 and 1939. The Japanese studied this type of plane for use as a fighter. The Shiniden was developed and tested in 1945 and production begun. In the USSR, the MIG, designed by Mikoyan and Gurevich, is the first of a series of these planes. Other designers testing this type of plane are Bratukhin, Sikorsky, Piasecki, and Kelet.

It is believed that the duck will yet find its rightful place in the aviation world.

- E N D -

- 2 -

**RESTRICTED****RESTRICTED**